IS 10156 (1982): Cannula, Intra-uterine, Hysterosalpingography [MHD 3: Obstetric and Gynaecological Instruments and Appliances]

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UDC 615·473·2 : 618·14-072·1 : 616-073·75

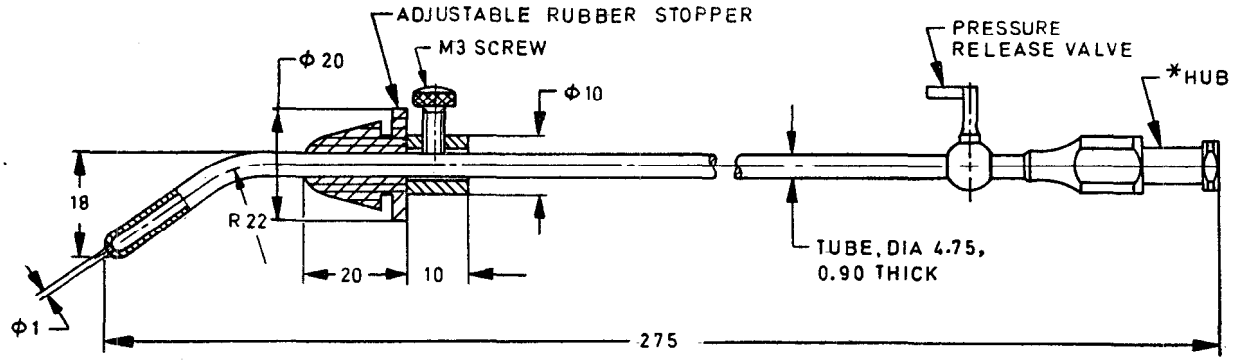
(Reaffirmed 2005)

Indian Standard

SPECIFICATION FOR CANNULA, INTRA-UTERINE, HYSTEROSALPINGOGRAPHY

1. Scope — Covers dimensional and other requirements for intra-uterine cannula used for hysterosalpingography.

2. Shape and Dimensions — As shown in Fig. 1.



*See IS : 3234 - 1979 Specification for conical fitting for hypodermic syringes, needles, and other medical equipment, Luer type.

All dimensions in millimetres.

FIG. 1 CANNULA, INTRA - UTERINE, HYSTEROSALPINGOGRAPHY

2.1 A deviation of ± 2·5 percent shall be allowed on all dimensions.

3. Material

3.1 *Cannula* — Seamless drawn tube of stainless steel conforming to designation 04 Cr 18 Ni 10 or 07 Cr 18 Ni 9 of IS : 6911-1972 'Stainless steel plate sheet and strip'.

3.2 *Hub* — Stainless steel conforming to designation 04 Cr 18 Ni 10 or 07 Cr 19 Ni 9 of IS : 6603-1972 'Stainless steel bars and flats'.

3.3 *Stiletto* — Hard-drawn brass wire or stainless steel wire.

4. Workmanship and Finish

4.1 The surface of the cannula shall be free from dents, burrs, scales and other defects.

4.2 Stiletto, supplied one for each cannula, shall be smooth, bright and free from kinks and shall slide smoothly into the cannula.

4.3 The fixing of the cannula with the hub shall be leak-proof.

4.4 Attachment for fixing vulsellum forceps may be provided on the cannula, if desired by the purchaser.

4.5 The instrument shall be treated by a suitable passivation process, in 10 percent (*v*/*v*) nitric acid solution for not less than 30 minutes at a temperature of not less than 10°C and not exceeding 60°C. The instrument shall then be rinsed in water and dried in hot air.

5. Tests

5.1 *Corrosion Resistance Test* — Test the cannula in accordance with IS : 7531-1975 'Method for boiling and autoclaving test for corrosion resistance of stainless steel surgical instruments'. The cannula shall show no sign of corrosion after the test.

6. Marking — The cannula shall be marked with the manufacturer's name, initials or recognized trade-mark.

6.1 *ISI Certification Marking* — Details available with the Indian Standards Institution.

7. Packing — The cannula shall be wrapped in moisture-proof paper or packed in polyethylene bags. The cannulae shall then be individually packed in cartons.

Adopted 19 April 1982

Price Rs 5·00

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